

Peak District National Park

Forecast valid from 00:00 on Monday 28 Nov 2022 until 23:59 on Tuesday 29 Nov 2022

Forecast Issued on Sunday 27 Nov 2022 at 13:41

Confidence: High for a lot of dry weather this coming week and turning gradually colder as a ridge of high pressure builds from the east. Lower confidence for low cloud details.

Headline for Monday 28 Nov 2022: Morning mist and low cloud but dry with sunny spells developing. Light winds.

Mountain weather hazards on Monday 28 Nov 2022

Blizzards

No Likelihood

Gales

No Likelihood

Thunderstorms

No Likelihood

Heavy persistent snow

No Likelihood

Severe chill effect

No Likelihood

Heavy persistent rain

No Likelihood

Storm force winds

No Likelihood

Poor visibility

Low Likelihood

Strong sunlight

No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Cloudy	Cloudy	Fog	Fog	Sunny intervals	Sunny intervals	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability							
20%	10%	<05%	<05%	<05%	<05%	<05%	<05%

Forecast for Monday 28 Nov 2022

Weather: Clear spells with patchy mist and fog overnight. A largely cloudy start with patchy mist and fog which will be slow to lift and may linger in some eastern valleys through the day. Otherwise a dry day with increasing amounts of sunshine in the afternoon. Dry with clear spells in the evening with patchy fog and frost developing.

Chance of cloud-free hill tops above 600m: 30% at first, becoming 80%.

Low cloud and visibility: Areas of cloud and fog will slowly lift and may linger in some eastern valleys through the day. Visibility becoming mainly very good as cloud lifts and breaks.

Forecast for Monday 28 Nov 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	17/25 S	17/26 S	14/21 S	11/17 S	7/10 SW	3/4 SW	4/6 NE	5/7 N	3/5 N
300	13/22 S	13/23 S	10/17 S	9/14 S	6/9 SW	2/4 SW	4/5 NE	4/7 NE	4/5 N
Valley	7/20 S	6/19 S	5/14 SE	5/13 SE	4/9 S	2/4 SW	3/5 E	3/5 E	3/5 SE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/0	4/-0	4/-0	4/0	4/2	4/3	3/2	3/1	3/1
300	7/4	6/3	6/3	6/3	7/5	7/6	6/4	5/3	4/3
Valley	6/4	6/4	6/4	6/4	8/6	7/7	5/4	4/3	3/2
Freezing Level*	1200m	1200m	1200m	1200m	1200m	1100m	1100m	1100m	1100m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Some difficult navigation conditions to start the day but conditions gradually improving.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Sun 27 Nov 2022	4.2mm	4.4mm	7.8mm

Forecast for Tuesday 29 Nov 2022

Weather: A frost at first with patchy fog in the valleys which will be slow to clear. It will be a dry day with bright spells in the morning but cloud becoming more extensive and may affect high ground through the afternoon and evening.

Maximum wind: East or Southeast 5-10mph.

Chance of cloud-free hill tops above 600m: 70% becoming 30%.

Low cloud and visibility: Patchy fog and low cloud in the valleys, gradually rising up the slopes. Otherwise mainly excellent visibility from the tops at first but low cloud and fog becoming more extensive over high ground

Temperature: **Valleys:** Minus 1C rising to 6 or 7C.
At 600m: Plus 1C rising to 3C.
Freezing level: Above summits. Early valley frost.